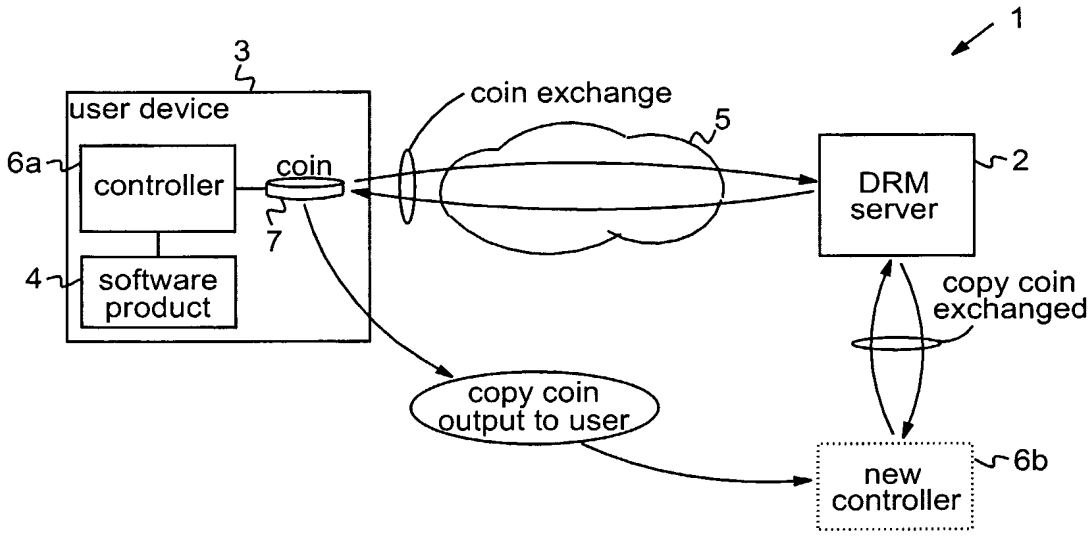

Figure 1

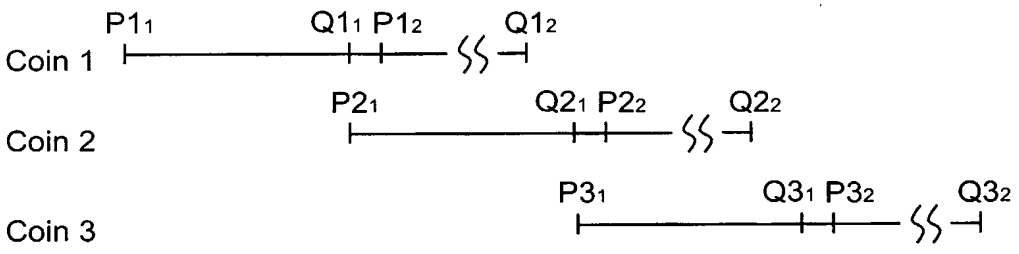

Figure 5

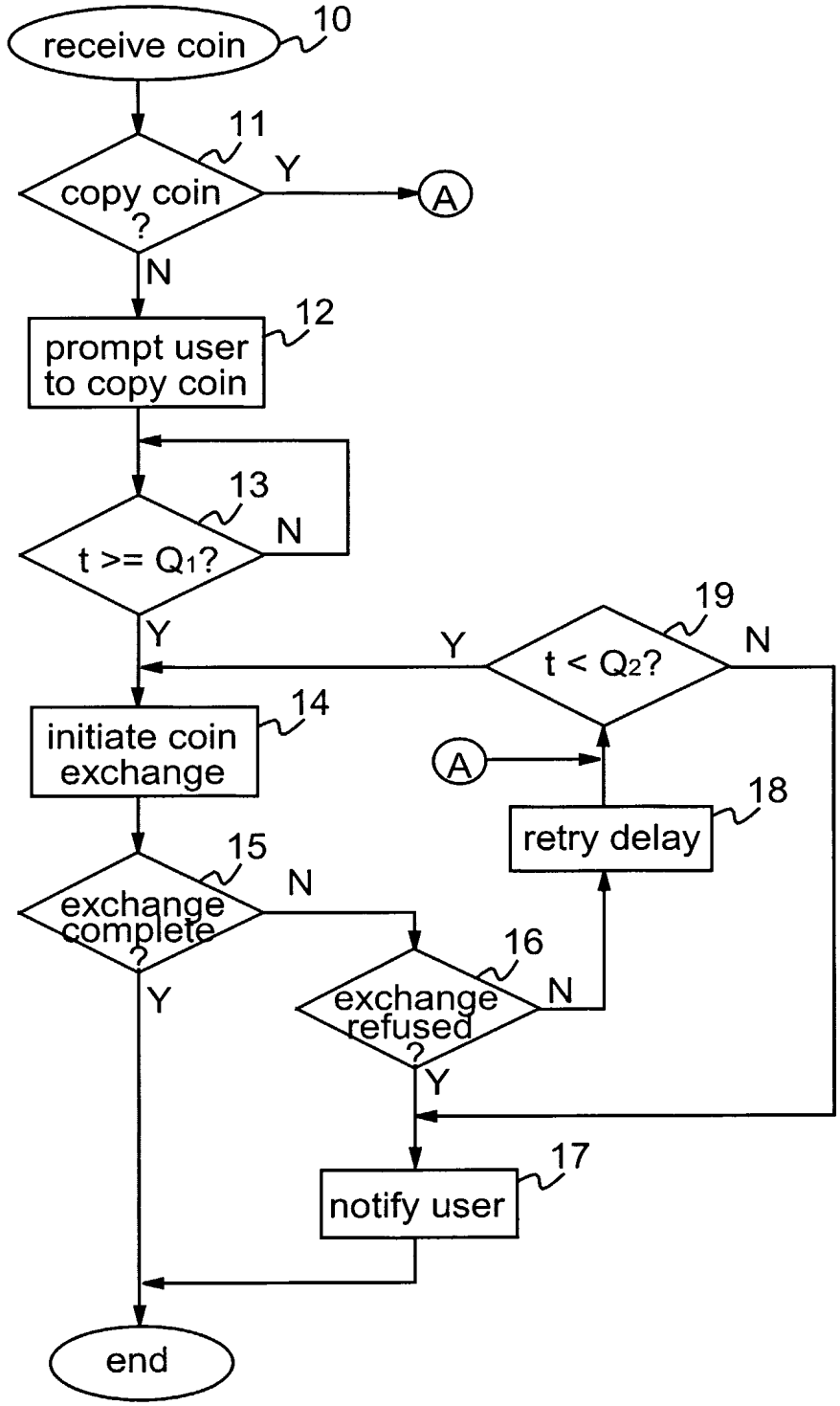
receive coin
10
11
copy coin ?
Y
A
N
prompt user to copy coin
12
13
t >= Q1?
N
Y
19
Y
t < Q2?
N
initiate coin exchange
14
A
retry delay
18
15
exchange complete ?
N
16
exchange refused ?
N
Y
Y
notify user
17
end

Figure 2

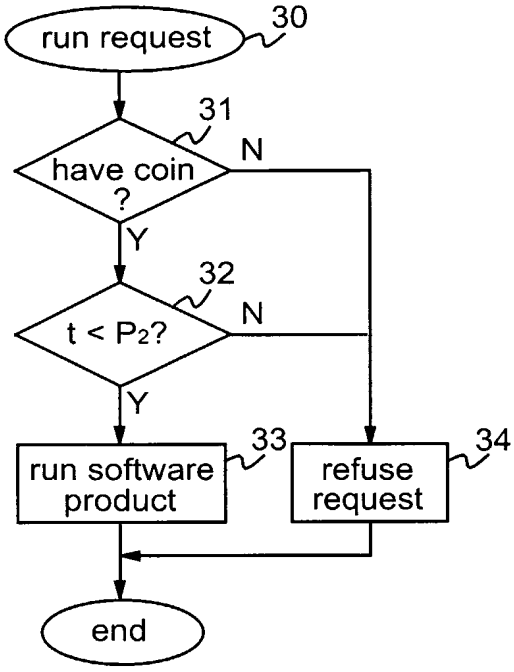

Figure 3

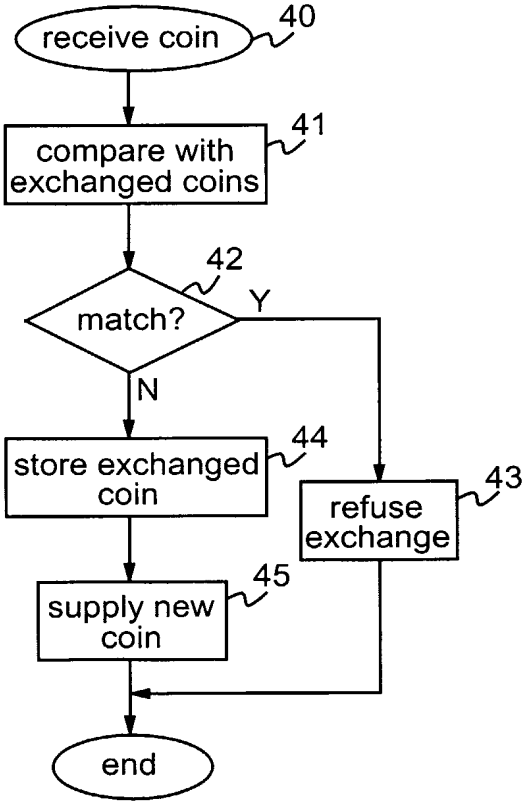

Figure 4

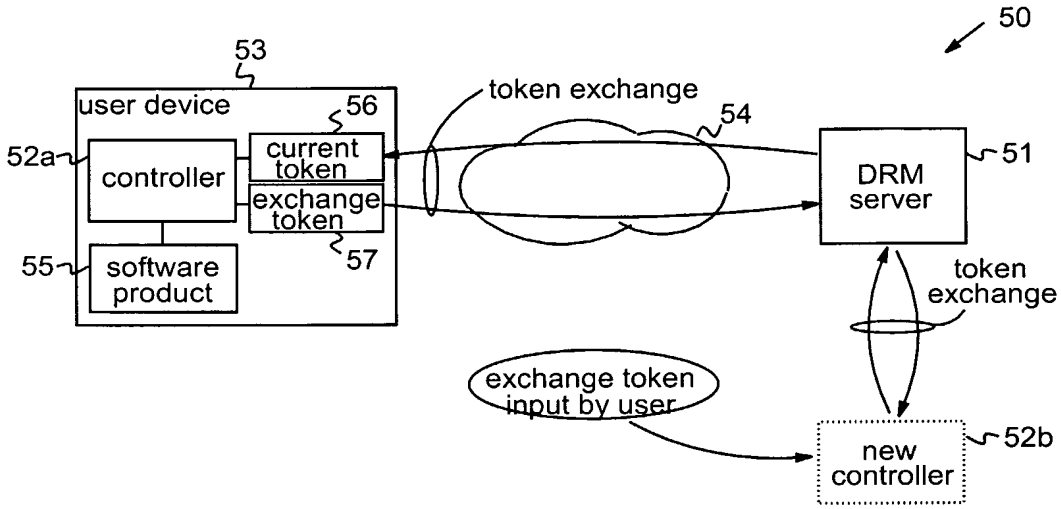

Figure 6

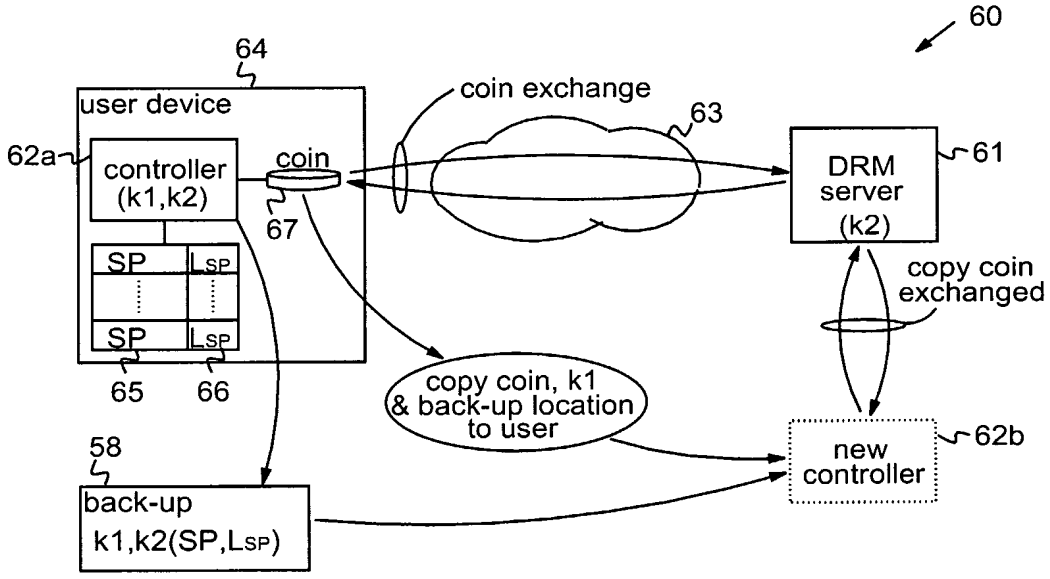

Figure 7